

## Glossary of Java and database-related terms

<b><i>Acronym</i></b>	<b><i>Expanded Name</i></b>	<b><i>Comment</i></b>
Ajax	Asynchronous JavaScript and XML	One of many browser JavaScript technologies
Application framework		Software architecture to facilitate application implementation and standardize its interaction with users and other external resources
API	Application Programming Interface	
CSS	Cascading Style Sheet	Standardized HTML mechanism to specify and organize appearance of web content within browser
Database trigger		Function executed in database when table inserts or modifications are requested
Eclipse		Program development environment
GUI	Graphical User Interface	
Hibernate		Java database ORM package
IDE	Integrated Development Environment	
jar file	java Archive file	
JavaScript		Scripting language ( <i>not</i> Java) that executes within web browsers
JDBC	Java DataBase Connectivity	
jQuery		Popular cross-browser JavaScript library
JPA	Java Persistence Architecture	
JSP	Java Server Page	Java-based web authoring framework
J2EE	Java 2 Enterprise Edition	
MathML	Mathematical Markup Language	
Netbeans		Program development environment
Oracle		Major database software vendor
ORM	Object Relational Mapping	
PostgreSQL		Relational database system from Postgres
Python		Popular object-oriented scripting language
Rollback		Undo failed transaction
ROOT		CERN-authored data analysis framework

Servlets		Standardized Java objects that are invoked when web server requests are received by a server
SQL	Structured Query Language	
Tomcat		Java web application server
transaction		Protected database operation sequence
war file	Web Archive file	
W3C	World Wide Web Consortium	Primary standards body controlling www-related software standards